

Peak District National Park

Forecast valid from 06:00 on Sunday 23 Jan 2022 until 23:59 on Monday 24 Jan 2022

Forecast Issued on Sunday 23 Jan 2022 at 02:13

Confidence: High for a rather cloudy westerly airstream which brings some rain from weakening fronts that reach from the northwest, but confidence lowering through the period on the detail of worst of conditions.

Headline for Sunday 23 Jan 2022: Rather cloudy with chance of some patchy rain at first. Largely dry later with brighter spells developing.

Mountain weather hazards on Sunday 23 Jan 2022

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

Low Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Fog	Cloudy	Dull	Cloudy	Cloudy	Cloudy
Precipitation probability					
20%	20%	20%	20%	20%	20%

Forecast for Sunday 23 Jan 2022

Weather: Rather cloudy through to mid-day with some patchy light rain, perhaps turning sleety across highest tops later in the morning. Largely dry for the thereafter with brighter spells increasingly likely towards late afternoon.

Chance of cloud free mountain/hill tops above 600m: 40% becoming 80% from afternoon.

Visibility: Good or very good becoming moderate or poor in light rain, drizzle, very low in snow and hill fog with bases occasional from 500m at first, infrequently so later.

Forecast for Sunday 23 Jan 2022

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/14 SW	7/11 SW	12/16 SW	13/17 SW	11/16 SW	14/19 SW	15/21 SW
300	6/11 SW	5/10 S	9/13 SW	9/13 SW	7/12 S	8/14 S	8/13 SW
Valley	3/10 SW	3/10 S	7/13 SW	7/13 SW	5/13 SW	5/15 S	5/14 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-1	2/-2	2/-3	2/-4	1/-4	-0/-6	-0/-6
300	4/2	4/2	4/1	4/1	3/1	3/-1	2/-2
Valley	5/4	4/3	5/3	5/2	4/2	3/1	2/0
Freezing Level*	1000m	900m	800m	700m	700m	600m	500m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Cold in the wind chill at height, this coupled with hill fog initially will bring some difficult conditions.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 23 Jan 2022	0.4mm	0.6mm	0.6mm

Forecast for Monday 24 Jan 2022

Weather: A mixed day with occasional brighter spells also some patchy light rain, this becoming most likely later in the day.

Maximum wind: West or southwest 15mph or less.

Chance of cloud free mountain/hill tops above 600m: 70% at first, becoming 40% later.

Visibility: Good or very good, becoming moderate or poor in rain, very low in hill fog with bases infrequently from 500m at first, occasionally so later.

Temperature: **Valleys:** Minus 2 Celsius rising to 8 Celsius during the afternoon
At 600m: Plus 1-2 Celsius
Freezing level: 700-800m